

**SERVICE KIT INSTRUCTIONS**

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1. Cut the flexible hoses at least 3-1/2" from the ends connected to the pulse cannister. Do not loosen the hose connections to the pulse cannister.
2. Note the orientation of the existing manifold elbows. Remove the manifold assembly. Cut the manifold wires.
3. Install the replacement manifold. Install the replacement manifold gaskets, and secure the manifold in place with the nuts. Carefully wrench tighten the nuts 1/2 turn past hand tight.
4. Solvent weld the elbows to the manifold at the same orientation as the original elbows.
5. Apply two wraps of thread sealant tape to the replacement hose threads, and hand tighten the hoses to the elbows. Carefully wrench tighten 1/2 turn past hand tight.
6. Slide a hose clamp over each hose section. Insert the adapters securely into the hose ends, and secure with the hose clamps.
7. Connect the manifold wires to the auxiliary control wires with the connectors.
8. Fill the whirlpool with water. Turn on the whirlpool. Operate the neck jet functions, and carefully inspect the connections for leaks.

